

Table 2. Number, incidence rate¹, median days away from work² and relative standard errors³ of occupational injuries and illnesses involving days away from work⁴ to selected parts of body with musculoskeletal disorders⁵ in selected ownerships for Puerto Rico, 2006

Ownership	Part of body affected	Total Cases	Incidence Rate	Median Days	Relative Standard Error
private industry	All selected parts	6,120	99.9	33	3.3
private industry	1 Neck- Including Throat	70	1.2	29	15.8
private industry	10 Neck- except internal location of diseases or disorders	70	1.2	29	15.8
private industry	2 Trunk	3,320	54.2	31	3.6
private industry	21 Shoulder- including clavicle- scapula	310	5.0	34	8.1
private industry	22 Chest- including ribs- internal organs	30	0.4	7	26.5
private industry	220 Chest- except internal location of diseases or disorders	30	0.4	7	26.5
private industry	23 Back- including spine- spinal cord	2,840	46.3	31	3.8
private industry	230 Back- including spine- spinal cord- unspecified	1,850	30.2	29	4.2
private industry	231 Lumbar region	290	4.8	28	8.3
private industry	232 Thoracic region	30	0.4	105	26.0
private industry	233 Sacral region	550	9.0	46	6.4
private industry	238 Multiple back regions	120	1.9	34	12.6
private industry	24 Abdomen	80	1.4	38	14.8
private industry	240 Abdomen- except internal location of diseases or disorders	20	0.4	2	28.1
private industry	245 Intestines- peritoneum	50	0.8	45	18.8
private industry	2450 Intestines- peritoneum- unspecified	50	0.8	45	18.8
private industry	25 Pelvic region	50	0.8	17	19.6
private industry	251 Hip(s)	30	0.6	11	23.2
private industry	28 Multiple trunk locations	20	0.3	37	32.7
private industry	3 Upper extremities	600	9.9	22	6.1
private industry	31 Arm(s)	240	3.9	23	9.1
private industry	310 Arm(s)- unspecified	140	2.3	48	11.6
private industry	312 Elbow(s)	40	0.6	10	21.4
private industry	318 Multiple arm(s) locations	50	0.9	4	18.3
private industry	32 Wrist(s)	70	1.2	26	16.1
private industry	33 Hand(s)- except finger(s)	220	3.7	20	9.4
private industry	34 Finger(s)- fingernail(s)	30	0.4	18	26.2
private industry	38 Multiple upper extremities locations	40	0.7	20	21.2
private industry	382 Hand(s) and wrist(s)	30	0.5	20	24.8
private industry	4 Lower extremities	250	4.1	33	8.9
private industry	41 Leg(s)	220	3.6	33	9.5
private industry	410 Leg(s)- unspecified	70	1.2	30	16.1
private industry	412 Knee(s)	140	2.3	38	11.7
private industry	42 Ankle(s)	20	0.3	30	33.0
private industry	43 Foot(feet)- except toe(s)	20	0.3	36	32.1
private industry	430 Foot(feet)- except toe(s)- unspecified	20	0.3	36	33.8
private industry	8 Multiple Body Parts	1,860	30.4	43	4.2
state government	All selected parts	2,220	192.9	39	4.5
state government	1 Neck- Including Throat	20	1.7	98	54.7
state government	10 Neck- except internal location of diseases or disorders	20	1.7	98	54.7
state government	2 Trunk	880	76.8	51	7.8
state government	21 Shoulder- including clavicle- scapula	50	4.7	25	33.2
state government	23 Back- including spine- spinal cord	730	63.5	45	8.7
state government	230 Back- including spine- spinal cord- unspecified	540	46.5	50	10.2
state government	231 Lumbar region	100	8.3	19	24.8
state government	233 Sacral region	60	5.4	39	30.8
state government	239 Back- including spine- spinal cord- n.e.c.	30	2.6	86	44.6
state government	24 Abdomen	70	5.7	76	30.1
state government	245 Intestines- peritoneum	50	4.2	76	35.0
state government	2450 Intestines- peritoneum- unspecified	50	4.2	76	35.0
state government	25 Pelvic region	30	2.4	101	46.1
state government	3 Upper extremities	300	26.4	27	13.8
state government	31 Arm(s)	180	15.3	27	18.2
state government	310 Arm(s)- unspecified	110	9.1	31	23.6
state government	318 Multiple arm(s) locations	30	2.5	43	45.3
state government	32 Wrist(s)	30	2.9	2	42.5

Table 2. Number, incidence rate¹, median days away from work² and relative standard errors³ of occupational injuries and illnesses involving days away from work⁴ to selected parts of body with musculoskeletal disorders⁵ in selected ownerships for Puerto Rico, 2006

Ownership	Part of body affected	Total Cases	Incidence Rate	Median Days	Relative Standard Error
state government	33 Hand(s)- except finger(s)	30	3.0	16	41.3
state government	38 Multiple upper extremities locations	50	4.5	28	34.0
state government	381 Hand(s) and finger(s)	40	3.7	28	37.1
state government	4 Lower extremities	110	9.6	37	23.1
state government	41 Leg(s)	110	9.3	37	23.4
state government	410 Leg(s)- unspecified	20	2.1	22	49.7
state government	412 Knee(s)	80	6.7	37	27.7
state government	8 Multiple Body Parts	900	78.4	39	7.7
local government	All selected parts	730	170.7	33	15.9
local government	2 Trunk	240	56.2	47	21.4
local government	23 Back- including spine- spinal cord	200	47.5	53	22.7
local government	230 Back- including spine- spinal cord- unspecified	70	15.9	107	35.2
local government	231 Lumbar region	60	15.0	37	36.1
local government	233 Sacral region	40	8.6	100	46.5
local government	238 Multiple back regions	30	6.1	18	54.5
local government	3 Upper extremities	100	23.2	34	29.9
local government	31 Arm(s)	70	15.4	97	35.6
local government	310 Arm(s)- unspecified	60	13.5	124	37.9
local government	33 Hand(s)- except finger(s)	30	6.4	33	53.3
local government	8 Multiple Body Parts	340	79.4	29	19.2

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: $(N / EH) \times 20,000,000$ where,

N = number of injuries and illnesses,

EH = total hours worked by all employees during the calendar year,

20,000,000 = base for 10,000 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

² Median days away from work is the measure used to summarize the varying lengths of absences from work among the cases with days away from work.

Half the cases involved more days and half involved less days than a specified median. Median days away from work are represented in actual values.

³ Relative standard errors are a measure of the sampling error of an estimate. Sampling errors occur because observations are made on a sample, not on the entire population. Estimates based on the different possible samples of the same size and sample design could differ. Relative standard errors less than 0.05 are not shown.

⁴ Days away from work cases include those which result in days away from work with or without job transfer or restriction.

⁵ Includes cases where the nature of injury is: sprains, strains, tears; back pain, hurt back; soreness, pain, hurt, except back; carpal tunnel syndrome; hernia; or musculoskeletal system and connective tissue diseases and disorders and when the event or exposure leading to the injury or illness is: bodily reaction/bending, climbing, crawling, reaching, twisting; overexertion; or repetition. Cases of Raynaud's phenomenon, tarsal tunnel syndrome, and herniated spinal discs are not included. Although these cases may be considered MSD's, the survey classifies these cases in categories that also include non-MSD cases.

NOTE: Dashes indicate data that do not meet publication guidelines or data for incidence rates less than .05 per 10,000 full-time workers. The scientifically selected probability sample used was one of many possible samples, each of which could have produced different estimates. A measure of sampling variability for each estimate is available upon request.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 2007